

Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-11. (canceled).

12. (new): A supply-and-demand plan making method of making a supply plan for realizing supply of each item by satisfying a delivery time for demand on the basis of planned demand for each site capable of manufacturing, replenishing, distributing or selling a plurality of items, comprising the steps of:

calculating, in a supply planning unit and according to a conventional manner, a supply plan proposal for every site, every time point and every item on the basis of at least planned demand, stock, remaining order, time information of a present time, lead time, component table and information of safety stock, and storing results of calculating into a storage unit;

comparing supply capacity of said each site previously stored with said supply plan proposal calculated for every time point, and deriving, in case of presence of a supply disabled item, the number of said supply disabled item and site and time point at which supply becomes disabled, and storing the number of said supply disabled item and said site and time point at which supply becomes disabled as information representing a supply disabled reason into said storage unit;

generating, as to a plurality of preceding periods of a schedule, a first list screen displaying at least planned demand at each of said preceding periods, supply plan proposals corresponding to said planned demand at each of said preceding

periods, a site where a supply disabled state occurred and the number of a supply disabled item;

classifying each item into ranks of sales importance degree and inventory importance degree and generating a second list screen displaying information of the first number of total items classified according to each of said sales importance degree and inventory importance degree, the second number of items necessary to be readjusted concerning safety stock among said first number and the third number of items counter-planned among said first number;

displaying said first list screen and said second list screen in manner of list or in a separate manner on a display device;

displaying information of item judged as supply disabled in a highlighted manner in said first list screen;

providing, upon reception of an input specified by a user concerning information of said item highlighted, a list screen of said item judged as supply disabled and a detail screen in which a site where supply of said item is disabled is clarified;

displaying, upon reception of an input specified by a user concerning a supply disabled site, supply plan proposals in contrast with every supply capacity in every period of a schedule at said supply disabled site;

displaying, upon reception of an input specified by a user concerning adjustment of a delivery time, a result in which said supply disable was solved by shifting quantity of supply plan over a supply capacity to a supply plan of another period of said schedule; and

updating said supply plan proposals and information representing said supply disabled reason stored in said storage unit.

13. (new): A supply-and-demand plan making method according to claim 12, further comprising the steps of:

displaying, upon reception of instruction made by a user concerning change of supply means or change of supply capacity, a screen displaying a list of usable supply means or a screen displaying present load, present capacity and an input column of capacity change for every period of schedule; and

displaying, upon reception of selection input by a user concerning said change of said supply means or upon reception of input of change by a user concerning said supply capacity, a result in which occurrence of a supply disabled item is removed.

14. (new): A supply-and-demand plan making method according to claim 12, further comprising the steps of:

displaying classification including an item judged as supply disabled in a highlighted manner in said second list screen;

displaying, upon reception of requirement input by a user concerning readjustment of safety stock, a list screen of information of safety stock of an item included in classification selected by a user;

displaying, upon reception of selection input by a user concerning change of item, an inventory supply-and-demand progress screen representing inventory progress of corresponding item in contrast with safety stock registered; and

registering, upon reception of instruction concerning change of registered value of safety stock of an item specified by a user, new safety stock and displaying a screen in which said change of said registered value is reflected.

15. (new): A supply-and-demand plan making system for making a supply plan for realizing supply of each item by satisfying a delivery time for demand on the basis of planned demand for each site capable of manufacturing, replenishing, distributing or selling a plurality of items, comprising:

means for storing a supply capacity of said each site;

means for calculating, according to a conventional manner, a supply plan proposal for every site, every time point and every item on the basis of at least planned demand, stock, remaining order, time information of a present time, lead time, component table and information of safety stock, and storing results of calculating into a storage unit;

means for comparing supply capacity of said each site with said supply plan proposal calculated for every time point, and deriving, in case of presence of a supply disabled item, the number of said supply disabled item and site and time point at which supply becomes disabled, and storing the number of said supply disabled item and said site and time point at which supply becomes disabled as information representing a supply disabled reason into said storage unit;

means for generating, as to a plurality of preceding periods of a schedule, a first list screen displaying at least planned demand at each of said preceding periods, supply plan proposals corresponding to said planned demand at each of said preceding periods, a site where a supply disabled state occurred and the number of a supply disabled item;

means for classifying each item into ranks of sales importance degree and inventory importance degree and generating a second list screen displaying information of the first number of total items classified according to each of said sales importance degree and inventory importance degree, the second number of

items necessary to be readjusted concerning safety stock among said first number and the third number of items counter-planned among said first number;

means for displaying said first list screen and said second list screen in a manner of list or in a separate manner on a display device;

means for displaying information of item judged as supply disabled in a highlighted manner in said first list screen, and providing, upon reception of an input specified by a user concerning information of said item highlighted, a list screen of said item judged as supply disabled and a detail screen in which a site where supply of said item becomes disabled is clarified;

means for displaying, upon reception of an input specified by a user concerning a supply disabled site, supply plan proposals in contrast with every supply capacity in every period of a schedule at said supply disabled site;

means for displaying, upon reception of an input specified by a user concerning adjustment of a delivery time, a result in which said supply disable was solved by shifting quantity of supply plan over a supply capacity to a supply plan of another period of said schedule; and

means for updating said supply plan proposals and information representing said supply disabled reason stored in said storage unit.

16. (new): A supply-and-demand plan making system according to claim 15, further comprising:

means for displaying, upon reception of instruction made by a user concerning change of supply means or change of supply capacity, a screen displaying a list of usable supply means or a screen displaying present load, present capacity and an input column of capacity change for every period of schedule; and

means for displaying, upon reception of selection input by a user concerning said change of said supply means or upon reception of input of change by a user concerning said supply capacity, a result in which occurrence of a supply disabled item is removed.

17. (new): A supply-and-demand plan making system according to claim 15, further comprising:

means for displaying classification including an item judged as supply disabled in a highlighted manner in said second list screen and displaying, upon reception of requirement input by a user concerning readjustment of safety stock, a list screen of information of safety stock of an item included in classification selected by a user;

means for displaying, upon reception of selection input by a user concerning change of item, an inventory supply-and-demand progress screen representing inventory progress of corresponding item in contrast with safety stock registered; and

means for registering, upon reception of instruction concerning change of registered value of safety stock of an item specified by a user, new safety stock and displaying a screen in which said change of said registered value is reflected.